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BIENNIAL REPORT  
OF THE  
North Carolina Sanatorium  
SANATORIUM, N. C.



FOR THE TWO YEARS ENDED JUNE 30, 1936

## PERSONNEL

### BOARD OF DIRECTORS

MR. L. L. GRAVELY, <i>Chairman</i>	Rocky Mount
MR. E. A. RASBERRY, <i>Vice-Chairman</i>	Snow Hill
MR. R. L. HARRIS, <i>Secretary</i>	Roxboro
MR. ROBERT M. HANES	Winston-Salem
DR. THURMAN D. KITCHEN	Wake Forest
MR. LAURIE MCEACHERN	Raeford
DR. J. W. MCGEEHEE	Reidsville
MR. U. L. SPENCE	Carthage
DR. J. R. TERRY	Lexington
MRS. MAX T. PAYNE	Greensboro
DR. CARL V. REYNOLDS	Raleigh

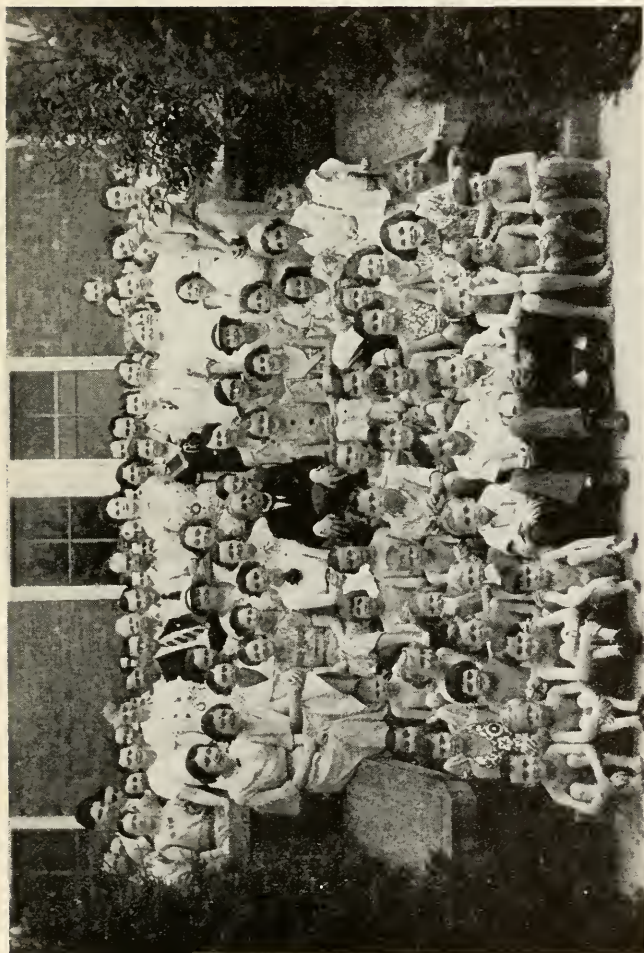
P. P. McCAIN, M.D.	Superintendent and Medical Director
S. M. BITTINGER, M.D.	Asst. Supt. and Associate Medical Director
J. H. WILLIAMS, M.D.	Assistant Physician
M. T. PLYLER, M.D.	Assistant Physician
A. L. ORMOND, M.D.	Assistant Physician
R. C. HAIRSTON, M.D.	Assistant Physician, Negro Division
MARTHA C. NEWMAN, R.N.	Superintendent of Nurses
BERTHA JOHNSON, R.N.	Assistant Superintendent of Nurses
R. G. WHARTON, D.D.S.	Dentist
H. L. SATTERWHITE	Laboratory and X-ray Technician
F. L. EUBANKS	Cashier and Purchasing Officer
MRS. C. W. COVINGTON	Secretary to Superintendent
J. B. WOMBLE	Steward
J. L. BEALL	Farm Superintendent
R. S. PERRY	Chief Engineer
CARRIE BROADFOOT, R.N.	Superintendent of Nurses, Negro Division

### EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

P. P. McCAIN, M.D.	Director
H. F. EASOM, M.D.	Clinic Physician
C. D. THOMAS, M.D.	Clinic Physician
W. F. THORNTON, M.D.	Clinic Physician
H. L. SEAY, M.D.	Clinic Physician
A. PAPINEAU, M.D.	Clinic Physician

### CONSULTING STAFF

DR. DAVID T. SMITH, <i>Bacteriology and Internal Medicine</i>	Durham
	Duke Hospital
DR. O. L. MILLER, <i>Orthopedic Surgeon</i>	Charlotte
DR. JULIAN A. MOORE, <i>Surgery</i>	Asheville
DR. J. D. HIGHSMITH, <i>Surgery</i>	Fayetteville
DR. C. R. MONROE, <i>Surgery</i>	Pinehurst
DR. DERYL HART, <i>Surgery</i>	Durham
DR. JAMES M. LILLY, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. WM. S. JORDAN, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. W. P. MCKAY, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. J. B. GREENE, <i>Laryngologist</i>	Asheville
DR. JAMES B. BULLITT, <i>Pathology</i>	Chapel Hill
DR. WM. DEB. MACNIDER, <i>Pharmacology</i>	Chapel Hill



GROUP OF PATIENTS AND EMPLOYEES AT SANATORIUM WITH  
GOVERNOR-ELECT CLYDE R. HOEY

## LETTER OF TRANSMITTAL

TO HIS EXCELLENCY,  
GOVERNOR J. C. B. EHRLINGHAUS,  
Raleigh, N. C.

SIR:

I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina Sanatorium for the Treatment of Tuberculosis for the biennium ended June 30, 1936, and the report of the progress of the work on the new sanatorium for the treatment of tuberculosis located near Black Mountain, North Carolina. The report of the Superintendent is accepted as the report of the Board of Directors.

It is our hope to secure additional PWA funds in the amount of \$73,000.00 with which to assist in providing additional facilities at Sanatorium for the care of Negro patients. It is, also, our purpose to request additional funds from the State of North Carolina for the building of a second building for patients at the new Sanatorium. The overwhelming need for the treatment of tuberculosis among our people justifies and makes necessary these requests.

I desire to express my very great obligation to the new Board of Directors for their interest in and attention to the work of the Sanatorium; and, also, our thanks to the Site Committee for their untiring efforts which resulted in the selection of the magnificent site for the new sanatorium.

Respectfully submitted,

L. LEE GRAVELY, *Chairman,*  
*Board of Directors.*





# BOARD OF DIRECTORS

## Members Present:

*Front Row—left to right:* DR. CARL V. REYNOLDS, SENATOR L. L. GRAVELY, E. A. RASBERRY, DR. J. R. TERRY.

*Back Row:* LAURIE MCEACHERN, DR. THURMAN D. KITCHIN, R. E. FINCH, DR. J. W. MCGEHEE AND DR. MCCAIN, *Superintendent*.

## Members Absent:

U. L. SPENCE, R. L. HARRIS, MRS. MAX T. PAYNE, DR. M. L. STEVENS, ROBERT M. HANES.

## REPORT OF SUPERINTENDENT

*The Board of Directors of the North Carolina Sanatorium,  
and of the Western North Carolina Sanatorium,*

HONORABLE L. L. GRAVELY, *Chairman.*

GENTLEMEN:

It gives me pleasure to submit herewith a report of the operations of the North Carolina Sanatorium for the biennium ending June 30th, 1936, and a financial report of the expenditures to this date on the uncompleted Western North Carolina Sanatorium.

## THE WESTERN NORTH CAROLINA SANATORIUM

The passage of the bill by the last General Assembly authorizing the establishment of the Western North Carolina Sanatorium was the outstanding event of the biennium in the program for the control of tuberculosis in the State. The bill was introduced by our Vice-Chairman, Hon. E. A. Rasberry. It was largely due to his efforts in the House and to the interest and strenuous activities of our Chairman, Hon. L. L. Gravelly, in both the House and Senate that the bill was passed without a single dissenting vote in the Senate and with only one in the House. The securing of the Grant from the PWA authorities amounting to \$245,454.00 was largely due to the untiring efforts of our Chairman, who made several trips to Washington, both before and after the successful passage of the bill. The total amount available for expenditure, including generous gifts from the Chamber of Commerce of the cities of Asheville and Black Mountain, is \$349,954.00.

The contracts for the construction of the new institution were let on December 3rd, and it was expected that work would begin in two weeks, but a winter of unprecedented severity and duration prevented the beginning of construction until spring. On this account the institution will probably not be ready to receive patients until the spring of 1937. The plans provide for an administration building and a heating plant and laundry sufficient for four hundred patients, and a patients' building to accommodate a hundred sixty-four patients. Since the funds were not sufficient to build a nurses' home, it will be necessary to

use a part of one of the wings to house the nurses for the time being. The price of labor and of construction materials had advanced so much by the time the contracts could be let that it will be necessary for us to secure about \$50,000.00 additional to complete the equipment.

The site for the Western North Carolina Sanatorium is one of the most beautiful in all of Western North Carolina. It is located on a knoll which is surrounded on all sides by magnificent mountain scenery, two and a half miles from Black Mountain and thirteen miles from Asheville. The Committee appointed to select the site, consisting of Mr. Kemp D. Battle of Rocky Mount as Chairman, Mr. E. V. Webb, Kinston, and of Dr. W. W. Sawyer, Elizabeth City, deserve especial credit for their untiring efforts to secure the most suitable site available.

#### ADDITIONS AND IMPROVEMENTS AT N. C. SANATORIUM

We were also deeply grateful for the appropriation by the last General Assembly of \$95,150.00 for a surgical wing and for other minor additions here at the North Carolina Sanatorium. The contracts for these additions have not been let because we are still trying to secure a Grant from the PWA authorities to supplement this appropriation. If this Grant can be secured we will have available a total of \$173,000.00, and this will enable us also to build an additional wing to our Negro building.

Some much needed improvements in our mechanical plant have been made during the biennium from our Additions and Betterments Maintenance Fund. We secured two practically new Skinner Engines and generators of 100 and 125 horsepower capacity at a very greatly reduced price and also secured from the University of North Carolina without charge two water tube boilers of 168 horsepower capacity each. These were all installed by our own engineer, Mr. R. S. Perry, and his assistants. These improvements and the installation of two automatic pulverizing units for firing of these boilers have increased the efficiency of our mechanical plant to such a degree that we can now be independent of commercial companies for our source of power and light. By reason of this fact we have secured a rate for our night load which reduces by more than one-half our power and light bill. We are transferring one of our replaced 90 horsepower engines and generators to the Western North Carolina Sanatorium, since it will be large enough to furnish light and current for this institution for the next few years.

During the past year we have also completed the installation of automatic sprinkling systems in the portion of our Main Building which is not fireproof and in the Negro unit. At the latter was also erected a 30,000 gallon tank, since otherwise the water pressure would not have been sufficient to secure the successful operation of the sprinkling system. The total cost of the tank and sprinkling systems was \$10,001.62, of which \$4,261.01 was secured as a Grant from the PWA authorities.

We especially wish to express our appreciation to Mr. R. M. Rothgeb, Engineer of the Budget Bureau, for planning and supervising the installation of the improvements in our mechanical plant.

#### NUMBER OF PATIENTS TREATED

In the four divisions of the North Carolina Sanatorium, white, children, Negro and prison, we treated a total of 1,127 patients during the first year of the biennium and 1,181 during the second year. The total hospital days were 165,737 for the first year and 173,033 for the second. Within the body of the report will be found statistical tables giving in detail the results of treatment and other facts of interest on the patients discharged during the biennium from the various divisions.

#### TRAINING SCHOOL FOR NURSES

The present arrangement by which we send all of our white nurses who have finished our two-year course to the Moore County Hospital, at Pinehurst, and our Negro nurses to the Lincoln Hospital, at Durham, for their third year is working out very satisfactorily. Under the capable direction of Miss Martha C. Newman and of Mrs. Carrie Broadfoot both training schools have done good work and our graduates are always in demand.

#### CHANGES IN PERSONNEL

There have been a number of changes in our medical staff. Dr. Thornton accepted a position in the X-ray Department of the Duke Hospital and Dr. Easom and Dr. Plyler accepted positions respectively as Director and Assistant Director of the newly established department of the Industrial Hygiene under the supervision of the State Board of Health and of the Industrial Commission. Dr. H. L. Seay and Dr. A. Papineau, the latter having been on our resident staff, took the positions formerly occupied by Drs. Easom and Thornton on our clinic staff. Dr. A. L. Ormond succeeded Dr. C. G. Milham, who re-



signed to go into private practice at Hamlet. Dr. J. S. Denholm was secured to take Dr. Plyler's place. Dr. W. L. Woodard, our dentist, resigned to accept a position with the State Board of Health and was succeeded by Dr. R. G. Wharton.

Mr. J. B. Womble, who has been our capable steward for several years, resigned, effective June 1st, 1936, so that he could devote more time to his orchard and farm. To take his place we secured Miss Carrie Toomer, who will also serve as dietitian and teach dietetics in our training school.

During the last two years the Rosenwald Fund has been paying for the services of an assistant Negro physician at our Negro unit, but they will not continue to do so after June, 1937. We feel that it is important to train Negro physicians as well as nurses who will be capable and interested in helping with the very serious Negro tuberculosis problems with which we are faced. After the Rosenwald Fund withdraws this aid we trust that the salary for a resident Negro assistant will be provided by the Budget. The first year this position was held by Dr. W. W. Solomon and the second by Dr. R. C. Hairston.

#### POST-GRADUATE COURSES FOR PHYSICIANS

We have felt that one of the most useful services which tuberculosis institutions can render is the offering of post-graduate courses for physicians who are interested in securing special training in tuberculosis. During the past few years quite a number of physicians have come for periods ranging from two weeks to six months. There are now scattered in most of the counties in the State approximately one hundred physicians who have learned how to give pneumothorax refills and most of these have learned the technique here at the Sanatorium. We have also continued the practice of taking four fourth-year medical students as student internes during the summer and we always have a large number of applications for these positions.

#### CLINIC WORK

There is an ever-increasing demand for the services of our clinic physicians in all parts of the State, both for school and for adult clinics. We are now more than two years behind with our requests. Heretofore we have been making a study of the school children of all ages. Since experience has taught us that very few active cases will be found in school children under twelve years of age we are planning in the future to study only

those twelve years or over, and in addition those under twelve who are known to have been exposed to tuberculosis and those who have suspicious symptoms. This plan will enable us to study the children in a larger number of counties each year. We are, of course, urging that the contacts of the positive reacting school children and that the contacts of all cases in the State found to have tuberculosis be given the tuberculin test and that a study be made of all the positive reactors.

Our out-patients clinic here at the Sanatorium has grown to such an extent that it is necessary for us to keep one of our three clinic physicians here at the Sanatorium all the time to conduct this clinic. We are greatly in need of two additional clinic physicians and an additional X-ray technician and a statistician.

#### PORTABLE FLUOROSCOPES

In our adult clinics we are now using portable fluoroscopes which obviate the necessity of making X-ray films on the great majority of the adults examined. With the new type of fluoroscopic screen and with a line focus X-ray tube a fluoroscopic examination is the most effective means of detecting pulmonary tuberculosis except that of making X-ray films. We find that experienced clinic physicians can detect a great majority of even minimal cases of tuberculosis examined by this method, many of which would be entirely missed by the most careful physical examination. It is not only much more accurate, but also more rapid. The fluoroscope enables us to examine more than twice as many in our adult clinics than formerly. On account of using a special hood it is not necessary to have a dark room and it is possible to use the fluoroscopic units wherever 110-volt alternating current is available. The whole fluoroscopic unit weighs less than two hundred pounds and no individual part of the equipment weighs more than seventy-five pounds. We are especially indebted to the officials of the S. & H. X-ray Company, of Atlanta, for their tireless efforts to develop for us the type of portable fluoroscope which we desired.

In our clinic work we have met with hearty coöperation on the part of the medical fraternity of the whole State, of the health officers and nurses, and also of the county school and welfare authorities. We have continued our policy of having the local community pay for the X-ray films of the positive reactors in our school clinics. The parents of the children pay

for the great majority. Many parent-teacher and other civic and charitable organizations have been most coöperative in providing the necessary funds to pay for the films of the other children.

### THE NEGRO PROBLEM

Tuberculosis among Negroes is the most serious problem with which we have to deal. The death rate among Negroes is 3.2 times that of the whites. Although Negroes comprise only 28% of the population of North Carolina 53.7% of the tuberculosis deaths occur among Negroes.

Since Negroes are nurse maids, cooks, food handlers and personal servants in other capacities in the homes of the white population, their tuberculosis problem also vitally concerns the white people of our State, not only in a humanitarian sense, but also for their own safety. One of the greatest sources of infection among the whites is the Negro servant.

Negroes also ordinarily have a more acute form of the disease and it usually runs a more rapid course. The acute form is also much more contagious, so that practically all those living in the homes of Negro patients having tuberculosis become heavily infected and often whole families are rapidly wiped out by the disease. The greatly crowded and unhygienic conditions under which most Negroes have to live make it almost impossible for those who are sick to take sufficient precautions to keep from infecting the other members of the household. Such conditions make the shortage of beds for Negroes all the more tragic. There should be at least one sanatorium bed for each of the eleven hundred Negro deaths. Last year we increased our capacity by twenty-five by arranging to move the Negro children to the ground floor of our main building, but this gives us only one hundred fifty beds for Negroes, including the twenty-five beds at the prison division. In all of the county sanatoria in the State combined there are only one hundred nineteen other beds for Negro tuberculosis sufferers. We are running several months behind with our applications for both men and women Negro patients. As a result, more than 90% are in the advanced stage and many of them in a hopeless condition by the time they are admitted.

I am greatly indebted to Dr. S. M. Bittinger, the Assistant Superintendent and Associate Medical Director, to Mr. F. L.

Eubanks, our Purchasing Agent and Cashier, and to all of our physicians, nurses, and other employees for their capable and faithful services.

Both to the former and present members of the Board of Directors I wish to express my deep appreciation for inspiration, guidance and loyal support.

Respectfully yours,

P. P. MCCAIN,

*Supt. and Director of the Extension Dept.*



TABLE NO. 1  
GENERAL INFORMATION

1. Date of opening.....	1909
2. Plant:	
Value of property:	
Functional.....	\$ 105,198.00
Dormitories.....	809,500.00
Dining rooms.....	136,405.00
Recreational.....	1,558.00
Utilities.....	352,045.02
Farm and dairy.....	214,459.00
Total.....	\$ 1,619,165.02
3. Total acreage of property owned.....	2,000 2,000
Additional acreage rented.....	None None
Total acreage under cultivation.....	500 500
4. Officers and Employees Actually in Service at End of Year	

	1935			1936		
	Male	Female	Total	Male	Female	Total
Administration:						
Superintendent.....	1		1	1		1
Cashier and Purchasing Officer.....	1		1	1		1
Assistant Cashier.....	1		1	1		1
Switchboard Operator.....		1	1		1	1
Professional Care and Treatment:						
Assistant Superintendent and Resident Physician.....	1		1	1		1
Assistant Physicians.....	3		3	3		3
Dentist.....	1		1	1		1
Laboratory and X-ray Technician.....	1		1	1		1
Assistant Laboratory and X-ray Technicians.....	1	1	2	1	1	2
Superintendent of Nurses.....		1	1		1	1
Graduate Nurses.....		7	7		7	7
Other Nurses and Attendants.....		41	41		41	41
Custodial Care:						
Steward.....		1	1		1	1
Housekeeper.....		1	1		1	1
Operation and Maintenance of Plant:						
Chief Engineer.....	1		1	1		1
Supervisor Buildings and Grounds.....	1		1	1		1
Agriculture:						
Farm Superintendent.....	1		1	1		1
Dairyman.....	1		1	1		1
Poultryman.....	1		1	1		1
All Other Employees.....	85	12	97	85	12	97
Total Officers and Employees.....	100	65	165	100	65	165
Average Daily Population.....			457			473
Normal Capacity.....			480			480

TABLE NO. 2  
POPULATION MOVEMENT

1934-1935

	Total	White Adults			White Children			Negroes*			Prison-ers
		Men	Women	Total	Boys	Girls	Total	Male	Female	Total	
1. Patients in Hospital at beginning of year.....	442	107	163	270	17	20	37	53	49	102	33
Admissions During Year:											
2. New Admissions.....	603	123	205	328	29	31	60	74	83	157	58
3. Readmissions.....	55	20	19	39	1	2	3	3	---	3	10
4. Total Admissions.....	658	143	224	367	30	33	63	77	83	160	68
Separations During Year:											
5. Apparently Arrested.....	80	10	18	28	17	33	50	1	---	1	1
6. Quiescent.....	77	38	33	71	2	1	3	1	---	1	2
7. Improved.....	261	67	119	186	---	---	---	28	34	62	13
8. Unimproved.....	91	13	14	27	1	---	1	22	29	51	12
9. Died.....	37	2	6	8	---	---	---	15	4	19	10
10. Not Classified.....	---	---	---	---	---	---	---	---	---	---	---
11. Not Tuberculous.....	80	15	32	47	2	3	5	7	5	12	16
12. Total Separations.....	626	145	222	367	22	37	59	74	72	146	54
13. Patients in Hospital at end of year.....	474	105	165	270	25	16	41	56	60	116	47
14. Average Daily Population.....	457	---	---	---	---	---	---	---	---	---	---
15. Normal Capacity.....	480	---	---	---	---	---	---	---	---	---	---

\*Includes Negro children as well as Adults.

TABLE NO. 2 (Continued)  
POPULATION MOVEMENT  
1935-1936

	Total	White Adults			White Children			Negroes*			Prison-ers
		Men	Women	Total	Boys	Girls	Total	Male	Female	Total	
1. Patients in Hospital at beginning of year.....	474	105	165	270	25	16	41	56	60	116	47
Admissions During Year:											
2. New Admissions.....	628	127	203	330			69	77	89	166	63
3. Readmissions.....	69	20	28	48			2	3	4	7	12
4. Total Admissions.....	697	147	231	378	36	35	71	80	93	173	75
Separations During Year:											
5. Apparently Arrested.....	135	17	23	40	37	25	62	7	18	25	8
6. Quiescent.....	129	20	52	72		1	1	19	27	46	10
7. Improved.....	263	93	120	213				19	13	32	18
8. Unimproved.....	73	9	11	20				18	21	39	14
9. Died.....	40	3	4	7				11	8	19	14
10. Not Classified.....	1							1		1	
11. Not Tuberculous.....	60	10	21	31	4	3	7	5	3	8	14
12. Total Separations.....	701	152	231	383	41	29	70	80	90	170	78
13. Patients in Hospital at end of year.....	470										
14. Average Daily Population.....	473	100	165	265	20	22	42	56	63	119	44
15. Normal Capacity.....	480										

\*Includes Negro children as well as adults.

## SUMMARY OF TWO YEAR'S WORK

July 1, 1934—June 30, 1936

## Extension Department

	1934-1935	1935-1936
Letters and postals received.....	18,429	18,475
Individual letters written.....	15,867	82,988
Mimeographed letters mailed.....	919	660
Mimeographed forms prepared.....	51	32
Number of copies mimeographed.....	78,884	92,106
Articles written (approx.-no.-words):		
Press.....	11,300	10,270
Other publications.....	21,800	
Sanatorium Sun.....	180,850	194,500
	213,950	204,770
Copies Sanatorium Sun mailed.....	34,200	34,200
Articles copied (approximate number of words).....	67,254	114,350
Patients' histories written.....	570	631
Approximate number of words in patients' histories.....	855,000	946,500
Envelopes addressed.....	22,325	24,383
Enclosures sent out.....	7,597	14,128
Blank cards for reporting cases of tuberculosis.....	1,050	
Number of cases reported: (Since 1935 all cases of tuberculosis have been reported to State Board of Health, Raleigh).		
White.....	1,164	
Colored.....	1,026	
Indian.....	5	
	2,195	
Literature sent to reported cases.....	1,150	
Other literature sent out.....	8,678	16,239
Sputum cups distributed.....	172,000	171,600
Tuberculin sent physicians.....	4,337	8,965
X-ray films sent in for interpretation.....	1,152	1,996
Report of phrenic operations.....	130	119
Report of pneumolyses.....	5	3

## REPORT OF P. P. McCAIN, M. D.

	1934-1935	1935-1936
Days out of office.....	23	47
Addresses delivered.....	38	18
Number in audience.....	6,105	4,495



## REPORT OF ADULT TUBERCULOSIS CLINICS

Drs. H. F. Eason, C. D. Thomas, W. F. Thornton and A. Papineau, Clinic Physicians

	1934-1935	1935-1936	Total
Number of addresses delivered .....	14	26	40
Total audience .....	1,420	2,234	3,654
	1934-1935	1935-1936	
New positive cases .....	76	207	
Previously diagnosed positive .....	195	292	
Probable .....	43	18	
Doubtful .....	233	56	
Negative .....	1,047	2,705	
		1,594	3,278
Number of white examinations .....	1,334	2,866	4,872
Number of Indian examinations .....	34		
Number of colored examinations .....	226	592	
		1,594	3,278
			4,872

## REPORT OF CHILDREN'S TUBERCULOSIS CLINIC

Summary of Results of School Children's Tuberculosis Clinics Conducted  
by the Extension Department of the North Carolina Sanatorium,  
in Co-operation with Local Health and School Authorities.  
During School Sessions 1926—1936.

## RESULT OF TUBERCULIN TEST

(0.1 c.c. 1:1000 dilution O. T. intracutaneously)

	White	Colored	Indian	Total
Number given tuberculin test .....	216,849	43,620	459	260,928
Number positive reactors .....	31,867(14.6%)	8,625(19.7%)	115(25.05)	40,607(15.5%)

## RESULTS OF THE STUDY OF 32,920 POSITIVE TUBERCULIN REACTORS HAVING X-RAYS

Number of reactors having X-rays of chest .....			32,920
Number of reactors diagnosed as having tuberculosis .....		4,154	
White .....	3,120		
Colored .....	1,002		
Indian .....	32		
Childhood type (first infection) .....	3,784		
Adult type (reinfection) .....	206		
Childhood and adult type .....	122		
Extra-pulmonary .....	33		
Extra-pulmonary and adult type .....	6		
Extra-pulmonary and childhood type .....	3		
Number of reactors classified as suspicious .....		3,279	
Number of reactors classified as having no demonstrable tuberculosis .....		25,487	

## REPORT OF CHILDREN'S TUBERCULOSIS CLINIC

Summary of Results of School Children's Tuberculosis Clinics Conducted  
by the Extension Department of the North Carolina Sanatorium,  
in Co-operation with Local Health and School Authorities,  
During School Sessions 1934-35 and 1935-36.

## RESULT OF TUBERCULIN TEST

(0.1 c.c. of 1:1000 dilution of O. T. intracutaneously)

	White	Colored	Indian	Total
Number given tuberculin test.....	68,345	16,441	33	*84,819
Number positive reactors.....	9,711(14.2%)	3,615(21.9%)	10 (33.3%)	13,336(15.7%)

## RESULT OF THE STUDY OF 10,103 REACTORS HAVING X-RAYS

RACE	No. Having X-Rays	POSITIVE		SUSPICIOUS		NEGATIVE	
		Number	%	Number	%	Number	%
White.....	7,852	1,074	13.7	436	5.6	6,342	80.8
Negro.....	2,241	312	13.8	133	5.9	1,796	80.3
Indian.....	10	1	10.0	-----	-----	9	90.0
Total.....	10,103	1,387	13.7	569	5.7	8,147	80.6

Childhood or primary type lesions.....	1,280
Adult or re-infection type lesions.....	57
Childhood and adult type lesions.....	42
Extra-pulmonary.....	6
Extra-pulmonary and childhood type lesions.....	2
Total.....	1,387

\*22,686 of these were given tuberculin test by local health officers, the X-rays and their interpretations were made by staff of Extension Department of North Carolina Sanatorium.

## WHITE DIVISION

### MEDICAL REPORT

July 1934—July 1936

#### Statistical

	1934-1935	1935-1936	Total
Number of patients to be reported on (discharged).....	319	352	671
Number not classified.....	7	8	15
Number not tuberculous.....	47	31	78
Number of patients in Sanatorium July 1.....	270	265	535
Total number of patients treated.....	643	656	1,299
Hospital days.....	99,167	98,714	197,881

## PATIENTS WHO STAYED LESS THAN NINETY DAYS

1934-1936

CONDITION ON ADMISSION				CONDITION ON DISCHARGE									
				Apparently Arrested		Quiescent		Improved		Unimproved		Died	
				1934-1935	1935-1936	1934-1935	1935-1936	1934-1935	1935-1936	1934-1935	1935-1936	1934-1935	1935-1936
Minimal				3	8		1	1	1				
				2	5			1	1		1		
Moderately Advanced				1	1	1	4	1	4				
				1		3	3	10	14	3	1		
Far Advanced													
							1	12	24	2	2		
								4	9	8	5	1	
Total				7	14	4	9	29	53	13	9	3	
Total number of days				Average stay		1934-35 1935-36		Shortest stay		1934-35 1935-36			
				141	56	85		48.45	48.9			3	4
				2,713	4,158								
Number gained weight: 1934-35 36: 1935-36 52				Number lost weight: 1934-35 10: 1935-36 20									
				1934-35 1935-36		Average loss		1934-35 1935-36					
Average gain				5.54	5.39							3.8	3.08
Stationary				2	3							8	10



PATIENTS WHO STAYED NINETY DAYS OR OVER  
1934-1936

	CONDITION ON ADMISSION			CONDITION ON DISCHARGE							
				Apparently Arrested		Quiescent		Improved		Unimproved	
	1934-35	1935-36		1934-1935	1935-1936	1934-1935	1935-1936	1934-1935	1935-1936	1934-1935	1935-1936
Minimal.....	{ A 12 B 8 C 0 50	{ A 17 B 13 C 0		10 7	14 11	1 1	2 2	1 1			
Moderately Advanced.....	{ A 28 B 78 C 0 207	{ A 18 B 80 C 3		1 1		18 33	9 31	9 42	9 46	2 1	1 1
Far Advanced.....	{ A 0 B 107 C 27 260	{ A 3 B 107 C 25				14	15 3	84 19	2 16	3 6	4 2
Childhood Tuberculosis.....	2	1		1	1			1			
Extra-pulmonary.....	2	2		1							
Total.....	530	263	267	21	26	67	63	156	160	14	11
Total number of days.....	104,453	96,629	Average stay.....	1934-35 1935-36		1934-35 1935-36		Longest stay.....		1934-35 1935-36	
						397	361.9			2,011	2,195
Number gained weight: 1934-35 206; 1935-36 205				Number lost weight: 1934-35 48; 1935-36 59							
Average gain.....	1934-35 1935-36			Average loss.....		1934-35 1935-36				1934-35 1935-36	
Stationary.....	13.58	15.5		5	3	Not weighed.....				9.7	7.09
										4	0

## HISTORY OF HEMORRHAGE

Negative.....		1934-35	1935-36
	{ Previous	163	171
Positive.....	{ Previous and during residence.....	131	165
	{ During residence only.....	15	12
		10	4

## RESULT OF SPUTUM EXAMINATIONS

Negative or no sputum .....		127	159
	{ On admission	156	166
Positive.....	{ During residence.....	130	126
	{ On discharge.....	67	78

## SEX, AGE AND CIVIL CONDITION

SEX	AGE						CIVIL CONDITION			
	1934-1935						Single	Married	Widowed	Divorced
	11-19	20-29	30-39	40-49	50-59	60-72				
Male.....	26	141	89	37	20	6	124	187	6	2
Female.....										
Total.....	26	141	89	37	20	6	124	187	6	2
Male.....	34	150	100	42	22	4	125	198	24	5
Female.....										
Total.....	34	150	100	42	22	4	125	198	24	5

## TUBERCULOUS COMPLICATIONS

Adenitis (cervical) .....	3	Hydro-pneumothorax .....	10
Adenitis (tracheobronchial) .....	23	Keratitis .....	1
Anal fistula .....	13	Laryngitis .....	117
Coxalgia (hip) .....	1	Nephritis .....	3
Empyema .....	3	Osteitis .....	1
Enteritis .....	35	Pleurisy with effusion .....	35
Epididymitis .....	4	Spontaneous pneumothorax .....	5

## NON-TUBERCULOUS COMPLICATIONS

Abscess (alveolar) .....	5	Laceration of perineum .....	11
Acne .....	11	Lues .....	3
Anemia (secondary) .....	22	Malaria .....	1
Ankylosis .....	1	Migraine .....	1
Arteriosclerosis .....	1	Mitral regurgitation .....	2
Arthritis .....	11	Mitral stenosis .....	1
Asthma (bronchial) .....	4	Myocarditis .....	4
Atrophy of muscle .....	1	Nephritis .....	7
Atrophy of testicle .....	2	Neuritis .....	1
Blepharitis .....	3	Otitis media .....	34
Blindness (partial) .....	7	Paralysis (partial) .....	4
Bronchiectasis .....	5	Pellagra .....	5
Bronchitis .....	1	Pelvic cellulitis .....	2
Broncho-pneumonia .....	1	Pes planus .....	1
Carious teeth .....	112	Pharyngitis .....	7
Cholecystitis .....	1	Phlebitis .....	1
Colitis .....	1	Pneumonitis .....	3
Cystitis .....	1	Psychoneurosis .....	1
Deafness (partial) .....	4	Psychosis .....	1
Diabetes mellitus .....	2	Ptoxis (kidney) .....	2
Diseased tonsils .....	79	Pterygium .....	1
Dysmenorrhea .....	9	Pyorrhea .....	129
Endocarditis .....	2	Renal calculi .....	3
Endocervicitis .....	3	Retroversion of uterus .....	19
Epididymitis .....	1	Ringworm infection .....	2
Epilepsy .....	1	Rhinitis .....	46
Epitheloma .....	1	Sciatica .....	2
Erosion of cervix .....	1	Scoliosis .....	3
Ganglion (wrist) .....	1	Sinusitis .....	17
Gastric Ulcer .....	1	Spermatocele .....	1
Gastropotosis .....	1	Stomatitis .....	1
Goitre .....	4	Strabismus .....	4
Gonorrhea .....	1	Tapeworm infection .....	2
Harelip .....	1	Ulcer (nasal septum) .....	2
Hemorrhoids .....	11	Urticaria .....	3
Hernia .....	7	Uterine Fibroid .....	2
Hookworm .....	37	Varicocele .....	2
Hypertension .....	9	Varicose veins .....	3
Laceration of cervix .....	4		

## OCCUPATIONS

Architect .....	1	Laborer .....	8
Attendants .....	3	Laundry .....	1
Baker .....	1	Lawyer .....	2
Banking .....	2	Machinist .....	3
Barber .....	4	Mail carrier .....	1
Beauty Culture .....	2	Merchant .....	3
Boarding house .....	1	Mill work .....	102
Bookkeeper .....	6	Minister .....	2
Brick mason .....	4	Moulder .....	1
Bus driver .....	1	Musician .....	2
Butcher .....	3	Nurses .....	25
Cabinet maker .....	2	Painter .....	1
Cafe operator .....	1	Physician .....	1
Carpenter .....	4	Plumber .....	1
Case worker (welfare) .....	1	Printer .....	1
Cashier .....	1	Prize fighter .....	1
Clerical .....	8	Railroad clerk .....	4
Clerk .....	22	Salesman .....	10
Contractor .....	1	Sawmill .....	1
Cook .....	2	Seamstress .....	1
Dentist .....	1	Section Foreman .....	1
Druggist .....	4	Steam fitting .....	1
Dye work .....	1	Stenographer .....	8
Electrician .....	5	Steward .....	1
Engineer .....	1	Students .....	50
Farmer .....	81	Teacher .....	8
Fireman .....	1	Telephone operator .....	2
Filling station operator .....	2	Theatre .....	2
Factory (tobacco) .....	1	Tobacco buyer .....	1
Grist mill .....	1	Trainman .....	1
Housewives .....	246	Truck driver .....	2
Inspector .....	1	Veneer plant .....	1
Insurance .....	5	Watch maker .....	1
Kitchen supervisor .....	1		



## PATIENTS EXAMINED IN SANATORIUM CLINIC FOR DIAGNOSIS AND CONSULTATION

July 1, 1934—June 30, 1935

	Children		White		Colored		Prison		Total	
	34-35	35-36	34-35	35-36	34-35	35-36	34-35	35-36	34-35	35-36
July.....	44	49	196	254	34	23	12	22	286	348
August.....	46	46	195	244	25	31	10	16	276	337
September.....	54	67	243	181	20	19	14	23	331	290
October.....	22	36	202	203	17	14	14	16	255	269
November.....	26	29	172	201	9	18	14	18	221	266
December.....	32	28	141	137	38	31	14	17	225	213
January.....	34	22	147	129	5	10	13	22	199	183
February.....	26	19	144	146	13	82	13	27	196	274
March.....	37	43	220	236	26	36	14	23	297	338
April.....	29	73	234	214	17	17	24	25	304	329
May.....	47	63	279	237	17	34	20	26	363	360
June.....	46	68	222	304	17	34	21	19	306	425
Total.....	443	543	2,395	2,486	238	349	183	254	3,259	3,632

## CLASSIFICATION

Positive diagnosis..	73	75	309	312	79	98	54	62	515	547
Negative diagnosis..	322	383	1,070	1,093	121	209	108	157	1,621	1,842
Re-examinations....	48	85	1,016	1,081	38	42	21	35	1,123	1,243
Total.....	443	543	2,395	2,486	238	349	183	254	3,259	3,632

## SUMMARY OF MEDICAL REPORT

July 1, 1934—July 1, 1936

	1934-35	1935-36	Total
Patients admitted:			
Minimal.....	38	51	89
Moderately advanced.....	104	127	231
Far advanced.....	178	170	348
Childhood tuberculosis.....	5	3	8
Not tuberculous.....	35	18	53
Not classified.....	7	8	15
Total.....	367	377	744
Patients discharged:			
Apparently arrested.....	28	40	68
Quiescent.....	71	72	143
Improved.....	185	213	398
Unimproved.....	27	20	47
Died.....	8	7	15
Total.....	319	352	671

## REPORT OF X-RAY LABORATORY

July 1, 1934—June 30, 1936

	White	Colored	Prison	Total
Stereoroentgenograms of chest, Sanatorium patients.....	816	293	101	1,210
Stereoroentgenograms of chest, Sanatorium clinic patients.....	1,141	82	-----	1,223
Stereoroentgenograms of chest, Children's clinics.....	66	4	-----	70
Double Roentgenograms of chest, Sanatorium patients.....	131	42	-----	173
Double Roentgenograms of chest, Sanatorium clinic patients.....	741	88	-----	829
Double Roentgenograms of chest, Children's clinics.....	5,157	1,097	-----	6,254
Single Roentgenograms of chest, Sanatorium patients.....	1,533	463	240	2,236
Single Roentgenograms of chest, Sanatorium clinic patients.....	1,525	132	-----	1,735
Single Roentgenograms of chest, Adult clinics.....	3,493	1,216	-----	4,709
Miscellaneous X-rays.....	503	32	22	557
Total.....	15,425	3,508	457	19,390
X-ray treatments.....	84	37	5	126

## LABORATORY REPORT

	White	Colored	Prison	Total
Sputanalyses:				
Micro.....	6,539	2,293	672	9,504
Chem.....	1,386	525	126	2,037
Culture.....	1	3	-----	4
Total.....	7,926	2,821	798	11,545
Urinalyses:				
Micro.....	1,680	413	143	2,236
Chem.....	4,184	413	144	4,741
Total.....	5,864	826	287	6,977
Blood:				
W. B. C.....	1,244	372	150	1,766
R. B. C.....	1,121	363	143	1,627
Hemoglobin.....	1,128	363	143	1,634
Color index.....	1,110	363	143	1,616
Differential count.....	1,223	370	150	1,743
Kahn.....	372	147	60	579
Wassermann.....	609	441	95	1,145
Malaria.....	37	-----	-----	37
Urea.....	36	1	-----	37
Widal.....	7	-----	-----	7
Sedimentation.....	623	812	104	1,539
Sugar.....	3	1	-----	4
Undulant fever.....	4	2	-----	6
Culture.....	1	-----	-----	1
Van den Berg.....	-----	1	-----	1
Coagulation.....	-----	1	-----	1
Total.....	7,519	3,236	988	11,743

	White	Colored	Prison	Total
Feces.....	1,022	283	115	1,420
Gastric.....	24	1	1	26
Phthalein.....	38	4		42
Pleural fluid.....	104	46	19	169
Basal metabolic rate.....	55	5	1	61
Bacteriological.....	88	142	4	234
Spinal fluid.....	6	7	6	19
Peritoneal fluid.....	6	1		7
Icterus index.....		1		1
Autopsy.....		3	2	5
Total.....	1,343	493	148	1,984

Milk: Bacterial count..... 12

Total examinations and tests..... 32,261

# ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Legion, Jackson .....	1
American Legion, Raleigh .....	1
American Red Cross, Hertford .....	1
Board of County Commissioners, Bladen .....	1
Board of County Commissioners, Buncombe .....	1
Board of County Commissioners, Burke .....	8
Board of County Commissioners, Carteret .....	1
Board of County Commissioners, Caswell .....	1
Board of County Commissioners, Cleveland .....	5
Board of County Commissioners, Columbus .....	1
Board of County Commissioners, Duplin .....	5
Board of County Commissioners, Franklin .....	1
Board of County Commissioners, Gaston .....	41
Board of County Commissioners, Gates .....	1
Board of County Commissioners, Halifax .....	4
Board of County Commissioners, Haywood .....	1
Board of County Commissioners, Henderson .....	1
Board of County Commissioners, Hoke .....	2
Board of County Commissioners, Hyde .....	2
Board of County Commissioners, Johnston .....	1
Board of County Commissioners, Lenoir .....	1
Board of County Commissioners, Lincoln .....	5
Board of County Commissioners, Martin .....	1
Board of County Commissioners, Northampton .....	2
Board of County Commissioners, Onslow .....	1
Board of County Commissioners, Orange .....	4
Board of County Commissioners, Pasquotank .....	2
Board of County Commissioners, Person .....	2
Board of County Commissioners, Rockingham .....	1
Board of County Commissioners, Rowan .....	8
Board of County Commissioners, Sampson .....	2
Board of County Commissioners, Scotland .....	2
Board of County Commissioners, Stanly .....	6
Board of County Commissioners, Surry .....	4
Board of County Commissioners, Union .....	3
Board of County Commissioners, Washington .....	2
Caswell Training School, Kinston .....	1
Charity Organization Society, Goldsboro .....	12
Charity Organization Society, Raleigh .....	2
Children's Home, Winston-Salem .....	2
Community Service League, Kinston .....	3
Kiwanis Tuberculosis Clinic, Rocky Mount .....	1
Mansfield Mill, Inc., Lumberton .....	1
Masonic Orphanage, Oxford .....	1
Men's Club, Kings Mountain .....	1
Moore County Health and Welfare Assn., Mrs. T. A. Cheatham, Secy. ....	3
Mutual Aid Association, Draper .....	6

# ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

Pomona Mill, Pomona .....	1
Presbyterian Orphanage, Barium Springs .....	2
Public Welfare, Albemarle .....	1
Public Welfare, Asheboro .....	3
Public Welfare, Asheville .....	14
Public Welfare, Bakersville .....	3
Public Welfare, Burlington .....	2
Public Welfare, Concord .....	7
Public Welfare, Durham .....	30
Public Welfare, Erwin .....	1
Public Welfare, Germantown .....	4
Public Welfare, Goldsboro .....	15
Public Welfare, Greensboro .....	1
Public Welfare, Greenville .....	8
Public Welfare, Kinston .....	2
Public Welfare, Lenoir .....	3
Public Welfare, Lexington .....	11
Public Welfare, Lillington .....	6
Public Welfare, Lumberton .....	2
Public Welfare, Mocksville .....	2
Public Welfare, Nashville .....	4
Public Welfare, New Bern .....	2
Public Welfare, Newton .....	11
Public Welfare, Oxford .....	1
Public Welfare, Raleigh .....	3
Public Welfare, Reidsville .....	8
Public Welfare, Rutherfordton .....	2
Public Welfare, Smithfield .....	1
Public Welfare, Statesville .....	1
Public Welfare, Tarboro .....	1
Public Welfare, Wadesboro .....	1
Public Welfare, Warrenton .....	1
Public Welfare, Washington .....	3
Public Welfare, Wilkesboro .....	1
Public Welfare, Williamston .....	1
Public Welfare, Wilmington .....	1
Public Welfare, Wilson .....	10
Roanoke Mills, Roanoke Rapids .....	4
Social Service, Winston-Salem .....	1
Tuberculosis Association, Concord .....	6
Tuberculosis Association, Statesville .....	1
Tuberculosis Association, Wilson .....	1
Tuberculosis Seal Sale Committee, coöperating with Woman's Club, Raleigh .....	2
United Daughters of the Confederacy .....	3

## PERSONS FROM WHOM DONATIONS WERE RECEIVED

*Books and Magazines:*

Mrs. H. E. Bowman, Aberdeen.  
Mr. Frederick S. Smith, Southern Pines.  
Mrs. J. L. Given, Pinehurst.  
Miss Edith G. Moses, Merchantville, N. J.  
Girls' Auxiliary, Southern Pines.  
Rev. H. Alligood, Fayetteville.  
United Daughters of the Confederacy, Winston-Salem.  
United Daughters of the Confederacy, Lumberton.  
Mrs. F. McP. McIntyre, Fayetteville.

*Cash Donation:*

Mr. J. P. Cavin, Mooresville.

*Miscellaneous Gifts:*

United Daughters of the Confederacy, Junior Chapter, Asheville.  
Aberdeen Garden Club, Aberdeen.  
Mrs. J. A. Bizzell, Kinston.  
Miss Vera McLean, Pittsburgh, Pa.  
Miss Anne Wilson Mebane, Chapel Hill.  
Methodist Sunday School, Aberdeen.  
Mrs. J. L. Given, Manchester, Vermont.  
Mr. W. H. Hallen, Wilmington.  
Samarcand Manor, Eagle Springs.  
Mrs. K. W. Burt, Southern Pines.  
Seventh Grade Pupils, Clayton.

*Flowers and Bulbs:*

Mrs. Cloud, Hamlet.



## CHILDREN'S DIVISION

## MEDICAL REPORT

## Statistical

	1934-1935	1935-1936	Total
Number of patients to be reported on (discharged).....	54	63	117
Number not classified.....	7	2	9
Number not tuberculous.....	5	7	12
Number of patients in Sanatorium July 1.....	41	42	83
Total number of patients treated.....	107	114	221
Hospital days.....	14,958	13,514	28,472

## SUMMARY MEDICAL REPORT

	1934-1935	1935-1936	Total
Patients admitted:			
Adult type tuberculosis.....	7	5	12
<div> <div>1934-1935</div> <div>1935-1936</div> </div> Minimal..... 4 4 Moderately advanced..... 2 1 Far advanced..... 1 0			
Childhood type.....	45	62	107
Extra-pulmonary.....	1	1	2
Not tuberculous.....	3	2	5
Not classified.....	7	2	9
Total.....	63	71	134
Patients discharged:			
Apparently healed.....	50	62	112
Apparently inactive.....	3	1	4
Unimproved.....	1	1	2
Total.....	54	63	117

## SEX AND AGE

	1934-1935	1935-1936	Total
Sex:			
Male.....	24	37	61
Female.....	30	26	56
Total.....	54	63	117
Age:			
3 to 9 years.....	32	36	68
10 to 15 years.....	22	27	49
Total.....	54	63	117

## TUBERCULOUS COMPLICATIONS

Adenitis (tracheobronchial) .....	10	Peritonitis .....	1
Pleurisy with effusion .....	1		

## NON-TUBERCULOUS COMPLICATIONS

Carious teeth .....	6	Otitis media .....	2
Congenital heart disease .....	1	Pediculosis .....	1
Diseased tonsils .....	38	Phimosis .....	1
Dwarf Tapeworm .....	1	Pneumonitis .....	3
Hookworm disease .....	7	Secondary anemia .....	1
Impetigo .....	1	Strabismus (internal) .....	1
Inguinal hernia .....	1	Rhinitis (chronic) .....	1
		Round worm infection .....	3

## NEGRO DIVISION

## MEDICAL REPORT

## Statistical

	1934-1935	1935-1936	Total
Number of patients to be reported on (discharged).....	134	161	295
Number not classified.....	8	7	15
Number not tuberculous.....	12	8	20
Number of patients in Sanatorium July 1.....	116	119	235
Total number of patients treated.....	270	295	565
Hospital days.....	39,334	43,549	82,883









## OCCUPATIONS

1934-1936

Barber .....	1	Laundress .....	5
Beauty parlor .....	2	Maids .....	11
Butler .....	1	Mechanic .....	3
Cafe .....	1	Mill work .....	16
Chauffeur .....	1	Minister .....	1
Clerk .....	1	Musician .....	1
Cooks .....	17	Orderly .....	1
Dry cleaner .....	3	Plumber .....	1
Elevator operator .....	1	Porter .....	2
Farmer .....	68	Printer .....	1
Filling station .....	1	Sawmill .....	1
Fireman .....	1	Student .....	61
Garage .....	1	Teacher .....	5
Housework .....	56	Truck driver .....	4
Insurance .....	1	Undertaker .....	1
Janitor .....	2	Waiter .....	1
Labrers .....	22		

## TUBERCULOUS COMPLICATIONS

Abscess (cold) .....	1	Meningitis .....	2
Adenitis (cervical) .....	10	Osteitis .....	1
Adenitis (tracheobronchial) .....	16	Pericarditis with effusion .....	1
Adenitis (peritoneal) .....	1	Peritonitis .....	7
Anal fistula .....	9	Pleural fistula .....	1
Empyema .....	2	Pleurisy with effusion .....	28
Enteritis .....	20	Pott's disease .....	1
Hydro-pneumothorax .....	2	Pyo-pneumothorax .....	1
Laryngitis .....	48		

## NON-TUBERCULOUS COMPLICATIONS

Abscess (alveolar) .....	1	Erosion of cervix .....	9
Acne .....	1	Gastric ulcer .....	1
Adenomatous thyrotoxicosis .....	1	Gingivitis .....	4
Amputation of foot .....	1	Goitre .....	2
Anemia (secondary) .....	17	Gonorrhea .....	4
Arthritis .....	2	Hemorrhoids .....	18
Atrophy of testicle .....	1	Hernia .....	5
Blepharitis .....	1	Hookworm .....	5
Blindness (complete) .....	1	Hypertension .....	1
Blindness (partial) .....	2	Hyperthyroidism .....	1
Carious teeth .....	91	Laceration of cervix .....	5
Cervicitis .....	13	Laceration of perineum .....	4
Chancroid .....	1	Lipoma .....	1
Conjunctivitis .....	2	Lues .....	37
Cystic ovary .....	2	Mitral regurgitation .....	4
Cystocele .....	1	Myocarditis .....	1
Deafness (complete) .....	3	Nephritis .....	2
Deafness (partial) .....	2	Oöphritis .....	1
Detached iris .....	1	Osteomyelitis .....	2
Diabetes mellitus .....	1	Otitis media .....	3
Diastasis .....	1	Pharyngitis .....	4
Diseased tonsils .....	26	Phimosis .....	1
Eczema .....	2	Pneumonitis .....	1
Endocarditis .....	1	Psychosis .....	2
Endocervicitis .....	13	Pyelitis .....	1
Equino Varris .....	1	Pyorrhea .....	62

## NON-TUBERCULOUS COMPLICATIONS—Continued

Rectocele .....	1	Sebaceous cyst .....	1
Recto-vaginal fistula .....	1	Sinusitis .....	1
Retroflexion of uterus .....	1	Strabismus .....	2
Retroversion of uterus .....	14	Tapeworm infection .....	1
Rhinitis .....	4	Urethritis .....	1
Roundworm infection .....	1	Uterine fibroid .....	4
Salpingitis .....	3	Visceroptosis .....	1
Scoliosis (dorsal) .....	1	Yeast infection .....	1

## SUMMARY MEDICAL REPORT

	1934-1935	1935-1936	Total
Patients admitted:			
Minimal .....	10	8	18
Moderately advanced .....	41	32	73
Far advanced .....	81	102	183
Childhood tuberculosis .....	12	9	21
Not tuberculous .....	8	5	13
Not classified .....	8	7	15
Total .....	160	163	323
Patients discharged:			
Apparently arrested .....	1	25	26
Quiescent .....	1	46	47
Improved .....	62	32	94
Unimproved .....	51	39	90
Died .....	19	19	38
Total .....	134	161	295

ORGANIZATIONS SUPPORTING AND ASSISTING IN THE  
SUPPORT OF PATIENTS

Associated Charities, Winston-Salem .....	9
Board of County Commissioners, Bladen .....	3
Board of County Commissioners, Brunswick .....	2
Board of County Commissioners, Caswell .....	1
Board of County Commissioners, Cleveland .....	2
Board of County Commissioners, Cumberland .....	1
Board of County Commissioners, Currituck .....	1
Board of County Commissioners, Duplin .....	3
Board of County Commissioners, Franklin .....	3
Board of County Commissioners, Gaston .....	6
Board of County Commissioners, Gates .....	1
Board of County Commissioners, Guilford .....	1
Board of County Commissioners, Hoke .....	1
Board of County Commissioners, Lincoln .....	3
Board of County Commissioners, Montgomery .....	1
Board of County Commissioners, Northampton .....	1
Board of County Commissioners, Pasquotank .....	1
Board of County Commissioners, Person .....	1
Board of County Commissioners, Robeson .....	1
Board of County Commissioners, Rockingham .....	1
Board of County Commissioners, Rowan .....	1
Board of County Commissioners, Scotland .....	3
Board of County Commissioners, Stanly .....	2

Board of County Commissioners, Surry .....	1
Board of County Commissioners, Union .....	4
Board of County Commissioners, Washington .....	1
Charity Organization Society, Goldsboro .....	6
Emergency Relief Department, Rocky Mount .....	1
Kiwanis Tuberculosis Clinic, Rocky Mount .....	4
Moore County Health and Welfare Assn., Mrs. T. A. Cheatham, Secy. ....	16
Masonic Orphanage, Oxford .....	1
Public Welfare, Asheville .....	1
Public Welfare, Burlington .....	2
Public Welfare, Chapel Hill .....	2
Public Welfare, Charlotte .....	1
Public Welfare, Concord .....	2
Public Welfare, Durham .....	29
Public Welfare, Edenton .....	1
Public Welfare, Goldsboro .....	4
Public Welfare, Greensboro .....	5
Public Welfare, Greenville .....	3
Public Welfare, Hendersonville .....	1
Public Welfare, Kinston .....	1
Public Welfare, Lexington .....	1
Public Welfare, Lillington .....	2
Public Welfare, Louisburg .....	1
Public Welfare, Lumberton .....	3
Public Welfare, Marion .....	1
Public Welfare, Nashville .....	2
Public Welfare, New Bern .....	3
Public Welfare, Oxford .....	4
Public Welfare, Raleigh .....	1
Public Welfare, Reidsville .....	1
Public Welfare, Rockingham .....	7
Public Welfare, Salisbury .....	2
Public Welfare, Snow Hill .....	1
Public Welfare, Wadesboro .....	6
Public Welfare, Warrenton .....	1
Public Welfare, Washington .....	1
Public Welfare, Wilmington .....	1
Public Welfare, Wilson .....	7
Public Welfare, Yanceyville .....	1
Tuberculosis Association, Chapel Hill .....	4
Tuberculosis Association, Statesville .....	1
Tuberculosis Association, Wilson .....	4
Young Woman's Business Club, Roxboro .....	1

### PERSONS FROM WHOM DONATIONS WERE RECEIVED

#### *Cash:*

Mrs. W. Fownes, Pinehurst.  
 Mr. Chapin, Pinehurst.  
 Dr. W. B. Hooks, Tarboro.  
 Mr. H. S. Sorrell, Rocky Mount.

#### *Books and Magazines:*

Mrs. J. Jordan, Southern Pines.  
 Miss Phillips, Southern Pines.  
 William Butler, Aberdeen.  
 Mrs. McCormick, Roxbury, Mass.

#### *Miscellaneous:*

Miss Wylie, Aberdeen.  
 Strawbridge & Clothiers, Philadelphia.  
 Mrs. T. A. Cheatham, Pinehurst.  
 Mrs. Mary Holiday, Statesville.

## PRISON DIVISION

## MEDICAL REPORT

1934-1936

	1934-1935	1935-1936	Total
Number of patients to be reported on (discharged) .....	38	64	102
Number not classified .....	6	3	9
Number not tuberculous .....	16	14	30
Number of patients in Sanatorium July 1 .....	47	44	91
Total number of patients treated .....	107	125	232
Hospital days .....	12,278	17,256	29,534

## SUMMARY MEDICAL REPORT

	1934-1935	1935-1936	Total
Patients admitted:			
Minimal .....	5	7	12
Moderately advanced .....	11	27	38
Far advanced .....	34	35	69
Extra-pulmonary .....	1		1
Childhood tuberculosis .....		4	4
Not tuberculous .....	11	9	20
Not classified .....	6	3	9
Total .....	68	85	153
Patients discharged:			
Apparently arrested .....	1	8	9
Quiescent .....	2	10	12
Improved .....	13	18	31
Unimproved .....	12	14	26
Died .....	10	14	24
Total .....	38	64	102

NORTH CAROLINA SANATORIUM  
SANATORIUM, N. C.

FINANCIAL REPORT

FOR THE TWO YEARS ENDED JUNE 30, 1936.

## EXHIBIT "A"

## Revenues and Expenditures

## PERMANENT IMPROVEMENT FUND

For the Two Years Ended June 30, 1935 and 1936

	Fiscal Year 1934-1935	Fiscal Year 1935-1936
<b>REVENUES</b>		
Unexpended balance June 30, 1934.....	\$ 24,988.81	
Unexpended balance June 30, 1935.....		\$ 14,843.81
Balance allotment June 30, 1935.....		10,145.00
Institutional receipts.....		492.17
	<u>\$ 24,988.81</u>	<u>\$ 25,480.98</u>
<b>EXPENSES</b>		
Buildings.....		\$ 1,608.56
Equipment.....		10,001.62
		<u>\$ 11,610.18</u>
Unexpended balance—State Auditor's Records.....	\$ 24,988.81	\$ 13,870.80

## EXHIBIT "A"—1

## Revenues and Expenditures

## EXTENSION FUND

For the Two Years Ended June 30, 1935 and 1936

	Fiscal Year 1934-1935	Fiscal Year 1935-1936
<b>REVENUES</b>		
Appropriation.....	\$ 15,780.00	\$ 20,225.00
Institutional receipts.....	96.50	40.00
	<u>\$ 15,876.50</u>	<u>\$ 20,265.00</u>
<b>EXPENSES</b>		
Salaries and Wages.....	\$ 8,357.20	\$ 10,232.64
Supplies and Materials.....	397.57	206.72
Postage, etc.....	891.81	794.63
Travel Expense.....	2,163.88	2,350.05
Printing and Binding.....	1,383.91	1,190.01
Equipment.....	375.30	1,928.09
	<u>\$ 13,569.67</u>	<u>\$ 16,702.14</u>
Excess Income Over Expense.....	\$ 2,306.83	\$ 3,562.86



## EXHIBIT "B"

## Revenues and Expenditures

## MAINTENANCE FUND

For the Two Years Ended June 30, 1935 and 1936

	Fiscal Year 1934-1935	Fiscal Year 1935-1936
<b>REVENUES</b>		
Appropriation .....	\$ 144,250.00	\$ 170,185.00
Institutional Receipts .....	90,381.04	89,674.95
Refunds:		
Refunds of Receipts .....	378.48	658.20
Refunds of Expenses .....	19,093.49	21,256.44
	<u>\$ 254,103.01</u>	<u>\$ 281,774.59</u>
<b>EXPENSES</b>		
Administration .....	\$ 8,687.47	\$ 10,958.97
Professional Care and Treatment .....	34,041.01	39,137.23
Custodial Care .....	124,343.25	144,528.30
Operation of Plant .....	25,887.62	25,145.17
Maintenance of Plant .....	16,954.88	10,547.79
Insurance .....		2,531.16
Additions and Betterments .....	22,723.20	9,125.18
Refunds:		
Refunds of Revenue .....	378.48	658.20
Refunds of Expense .....	19,093.49	21,256.44
Total Expenditures .....	<u>\$ 252,109.40</u>	<u>\$ 263,888.44</u>
Excess Revenue over Expenses .....	\$ 1,993.61	\$ 17,886.15

## EXHIBIT "C"

## AVERAGE POPULATION AND MAINTENANCE PER CAPITA COST

For the Two Years Ended June 30, 1935 and 1936

	Fiscal Year 1934-1935	Fiscal Year 1935-1936
Administration .....	\$ 19.00	\$ 23.17
Professional Care and Treatment .....	74.43	82.74
Custodial Care .....	271.89	305.56
Operation of Plant .....	56.61	53.16
Maintenance of Plant .....	37.07	22.29
Insurance .....		5.35
Additions and Betterments .....	49.68	19.30
Totals .....	<u>\$ 508.68</u>	<u>\$ 511.57</u>
From Appropriation .....	\$ 311.06	\$ 321.98
From Institutional Receipts .....	197.62	189.59
Totals .....	<u>\$ 508.68</u>	<u>\$ 511.57</u>
Average Number of Patients .....	457	473



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